

031804 1714 U.S. PTO

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

CERTIFICATE OF EXPRESS MAILING

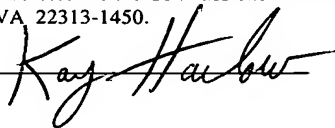
Thereby certify that this paper and the documents and/or fees referred to as attached herein are being deposited with the United States Postal Service on **March 18, 2004** in an envelope as "Express Mail Post Office to Addressee" service under 37 CFR §1.10, Mailing Label Number **EV381562523US**, addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Attorney Docket No: OPH1P001D

First Named Inventor: Dr. Loren D. Nelson

22581 U.S. PTO
10/803389
031804

Kay Harlow



UTILITY PATENT APPLICATION TRANSMITTAL (37 CFR. § 1.53(b))
(Continuation, Divisional or Continuation-in-part application)

• Commissioner for Patents
Alexandria, VA 22313-1450

☐ Duplicate for
fee processing

Sir: This is a request for filing a patent application under 37 CFR. § 1.53(b) in the name of inventors:
Dr. Loren D. Nelson and Martin J. O'Brien

For: **METHOD OF OPTIMIZING A RESPONSE OF A GAS CORRELATION RADIOMETER TO A TRACE AMOUNT OF A TARGET GAS**

This application is a ☐ Continuation ☒ Divisional ☐ Continuation-in-part
of prior Application No.: **10/155,770**, from which priority under 35 U.S.C. §120 is claimed.

Application Elements:

- ☒ 64 Pages of Specification, Claims and Abstract
☒ 23 Sheets of **Formal** Drawings
☒ 02 Declaration
☐ Newly executed (original or copy)
☒ Copy from a prior application (37 CFR 1.63(d) for a continuation or divisional).
The entire disclosure of the prior application from which a copy of the declaration is
herein supplied is considered as being part of the disclosure of the accompanying
application and is hereby incorporated by reference therein.
☐ Deletion of inventors Signed statement attached deleting inventor(s)
named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).

Accompanying Application Parts:

- ☐ Assignment and Assignment Recordation Cover Sheet (recording fee of \$40.00 enclosed)
☐ Power of Attorney
☐ 37 CFR 3.73(b) Statement by Assignee
☒ Information Disclosure Statement with Form PTO-1449 ☐ Copies of IDS Citations
☐ Preliminary Amendment (*New claims numbered after highest original claim in prior*)

application.)



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Request and Certification Under 35 U.S.C. 122(b)(2)(B)(i)



Other:

Claim For Foreign Priority



Priority of _____ Application No. _____ filed on _____ is claimed under 35 U.S.C. § 119.



The certified copy has been filed in prior application U.S. Application No. _____



The certified copy will follow.

Extension of Time for Prior Pending Application



A Petition for Extension of Time is being concurrently filed in the prior pending application. A copy of the Petition for Extension of Time is attached.

Amendments



Amend the specification by inserting before the first line the sentence: "This is a



Continuation



Continuation-in-part



Divisional

application of copending prior



Application No. _____ filed on _____,



International Application _____ filed on _____ which designated the United States, the disclosure of which is incorporated herein by reference."



Cancel in this application original claims _____ of the prior application before calculating the filing fee. (*At least one original independent claim must be retained.*)

Fee Calculation (37 CFR § 1.16)

	(Col. 1)	(Col. 2)	SMALL ENTITY		OR	LARGE ENTITY	
	NO. FILED	NO. EXTRA	RATE	FEE		RATE	FEE
BASIC FEE			\$385	\$385.00	OR	\$770	\$
TOTAL CLAIMS	<u>12</u> -20 = <u>00</u>		x09 =	\$	OR	x18 =	\$
INDEP CLAIMS	<u>02</u> -03 = <u>00</u>		x43 =	\$	OR	x86 =	\$
[] Multiple Dependent Claim Presented			\$145 =	\$	OR	\$290 =	\$
* If the difference in Col. 1 is less than zero, enter "0" in Col. 2.			Total	<u>\$385.00</u>	OR	Total	\$



Check No. 10613 in the amount of \$385.00 is enclosed.



The Commissioner is authorized to charge any fees beyond the amount enclosed which may be required, or to credit any overpayment, to Deposit Account No. 50-0805 (Order No. OPH1P001D).

Request for Small Entity Status

☒ Applicant is entitled to small entity status.

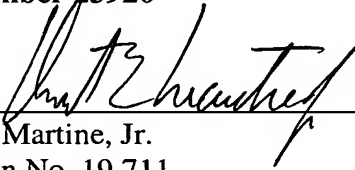
General Authorization for Petition for Extension of Time (37 CFR §1.136)

☒ Applicants hereby make and generally authorize any Petitions for Extensions of Time as may be needed for any subsequent filings. The Commissioner is also authorized to charge any extension fees under 37 CFR §1.17 as may be needed to Deposit Account No. 50-0805 (Order No. OPH1P001D).

☒ Please send correspondence to the following address:

Chester E. Martine, Jr.
Martine & Penilla, LLP
710 Lakeway Drive, Suite 170
Sunnyvale, CA 94085
Customer Number 25920

Date: March 18, 2004



Chester E. Martine, Jr.
Registration No. 19,711

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the application of)	
Nelson et al.)	Examiner: Unassigned
Application No. [To be assigned])	Art Unit: Unassigned
Filed: March 18, 2004)	Docket No. OPH1P001D
For: METHOD OF OPTIMIZING A)	Date: March 18, 2004
RESPONSE OF A GAS CORRELATION)	
RADIOMETER TO A TRACE AMOUNT OF A)	
TARGET GAS)	

CERTIFICATE OF EXPRESS MAILING

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Signed: _____

Kay Harlow

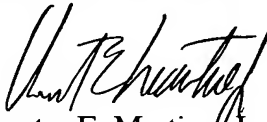
REQUEST AND CERTIFICATION UNDER 35 U.S.C. § 122(b)(2)(B)(i)

Commissioner for Patents
Alexandria, VA 22313-1450

Sir:

I hereby certify that the invention disclosed in the attached application **has not and will not be** the subject of an application filed in another country, or under a multilateral agreement, that requires publication at eighteen months after filing. I hereby request that the attached application not be published under 35 U.S.C. § 122(b).

Respectfully submitted,
MARTINE & PENILLA, LLP


Chester E. Martine, Jr.
Reg. No. 19,711

710 Lakeway Drive, Suite 170
Sunnyvale, CA 94085
(408) 749-6900
Customer Number 25920